

MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. $33^{\circ} 54' 22''$ N.

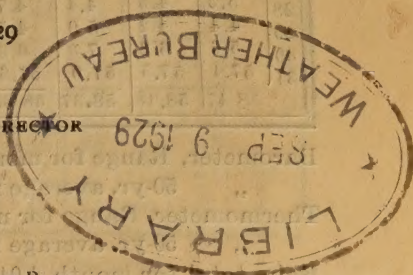
LONG. E. FROM GREENWICH $35^{\circ} 28' 10''$

MAY, 1929

J. A. BROWN, DIRECTOR

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Beirut, Syria



MAY 1929

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C Sea level and 45° Latitude 700 mm +..				Thermometer Cent.							
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean		
1	61.5	60.5	60.8	60.9	25.2	16.1	21.0	24.1	19.4	21.5		
2	1.1	0.7	1.4	1.1	24.7	16.1	22.4	23.8	19.8	22.0		
3	2.1	2.1	3.5	2.6	24.4	17.5	23.6	24.3	21.4	23.1		
4	3.9	3.0	3.0	3.3	29.5	17.5	25.1	26.5	22.6	24.6		
5	0.7	59.3	58.5	59.5	29.2	20.6	26.9	34.4	25.3	28.9		
6	56.8	55.9	56.1	56.3	35.0	25.0	34.4	33.4	26.6	31.4		
7	8.9	7.8	8.5	8.4	35.6	21.7	24.2	27.9	22.2	24.8		
8	8.4	8.6	9.0	8.7	28.2	18.9	23.2	24.3	19.2	22.2		
9	9.3	9.4	9.1	9.3	25.6	16.2	21.4	23.9	19.7	21.7		
10	9.7	9.4	9.3	9.4	25.7	16.1	22.5	25.0	21.7	23.0		
11	59.6	59.2	59.2	59.3	26.7	16.2	23.1	24.6	21.4	23.0		
12	7.3	6.3	4.7	6.1	26.3	19.4	24.3	27.1	23.1	24.8		
13	3.8	8.7	8.2	8.6	29.7	19.4	23.6	24.6	21.5	23.2		
14	5.6	5.0	8.2	6.3	26.1	20.0	25.6	29.0	1.7	25.4		
15	9.6	9.8	9.7	9.7	30.3	19.4	22.5	24.5	20.4	22.5		
16	60.1	60.1	60.9	60.4	25.3	17.8	22.3	23.6	20.9	22.3		
17	1.6	1.5	1.4	1.5	25.4	17.7	22.5	24.5	20.4	22.4		
18	1.8	59.5	0.0	0.4	25.4	18.1	23.2	24.3	21.8	23.3		
19	58.7	6.9	56.9	57.5	26.1	20.6	23.3	25.8	23.1	24.1		
20	7.9	8.2	8.4	8.2	26.6	19.4	23.9	26.8	21.9	24.2		
21	58.0	57.5	58.1	57.9	27.4	19.1	23.7	26.7	21.8	24.1		
22	6.9	9.8	7.5	8.1	28.3	20.8	26.8	25.2	23.7	25.2		
23	6.8	5.9	7.1	6.6	27.7	20.8	27.1	32.1	22.9	27.4		
24	6.8	7.0	6.9	6.9	32.4	20.6	24.7	25.9	21.3	24.0		
25	7.0	6.5	6.7	6.7	27.8	18.9	24.1	25.6	21.2	23.6		
26	55.1	56.1	55.8	55.7	26.9	19.4	24.7	25.9	21.8	24.1		
27	6.1	6.4	6.3	6.3	27.3	19.4	24.4	26.1	21.5	24.0		
28	5.2	4.5	4.4	4.7	27.1	19.2	23.6	25.6	21.5	23.6		
29	4.4	4.2	5.0	4.5	27.1	19.3	21.3	25.2	21.3	22.6		
30	5.6	6.2	7.0	6.3	25.6	18.6	22.1	25.6	20.8	22.8		
31	57.4	57.5	57.9	57.6	26.7	18.3	24.0	24.7	21.5	23.4		
	58.47	58.18	58.37	58.35	25.59	18.97	24.01	26.18	21.72	23.98		

Barometer, Range for month 754.2-763.9 m.m.

„ 50-yr. average for month 759.62 m.m.

Thermometer, Range for month 16°.1-35°.6

„ 50-yr. average for month 22°.19

Rain, total for month 4.04 m.m.

„ , 50-yr average for month 10.83m.m.

„ , total. Sept. 1st to end of month 1073.24m.m.

„ , 50-yr average, Sept. 1st to end of month. 902.73m.m.

MAY 1929

METEOROLOGICAL REGISTER

Date	Wet Bulb Cent			Elasticity of Vapor m.m.				Relative Moistur per cent.				Sun	Rain
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	hrs.	m.m.
1	18.6	19.5	18.0	14.2	13.8	14.3	14.1	77	61	85	74	12.8	
2	18.4	18.7	18.6	13.0	14.2	15.0	14.1	64	65	87	72	12.8	
3	20.5	22.1	18.9	15.6	17.9	14.5	16.0	72	80	76	76	12.3	
4	20.4	22.2	23.0	14.6	16.8	17.4	16.3	60	67	86	71	11.6	
5	21.9	22.9	22.4	15.8	13.2	17.9	15.6	59	36	74	56	12.2	
6	25.6	23.5	21.2	17.4	17.5	14.9	16.6	43	41	58	47	10.2	
7	21.2	22.2	21.0	16.4	15.6	16.5	16.2	72	56	82	70	12.6	
8	20.4	22.1	18.2	15.8	18.0	14.8	16.2	75	80	92	82	12.2	
9	19.3	20.8	18.8	15.1	16.0	15.6	15.6	79	72	92	81	12.6	
10	20.2	20.8	19.9	15.8	14.4	16.0	15.4	78	61	83	74	12.8	
11	20.4	22.2	20.7	16.0	17.9	17.0	17.0	77	78	92	82	12.8	
12	22.2	24.2	21.0	18.1	19.7	16.2	18.0	81	76	75	77	10.5	
13	21.7	22.9	20.5	17.8	19.4	17.1	18.1	82	84	88	85	12.4	
14	22.3	25.9	20.1	17.5	21.3	16.1	18.3	72	70	84	75	10.6	
15	19.7	21.3	18.4	14.9	16.4	14.2	15.2	74	72	81	76	10.6	
16	20.1	20.4	18.7	15.9	15.4	14.5	15.3	79	71	79	76	12.4	
17	20.1	21.5	18.8	15.6	16.9	15.0	15.8	77	76	84	79	12.4	
18	20.5	22.6	20.4	15.9	18.6	16.0	17.0	76	81	85	81	12.2	
19	20.8	23.3	20.5	16.3	19.2	17.1	17.5	76	77	81	78	9.6	
20	22.1	24.1	20.8	18.2	20.1	17.3	18.6	80	77	88	82	11.4	
21	21.9	23.9	21.0	17.2	19.6	17.9	18.2	68	75	92	78	11.0	
22	22.9	22.2	19.3	17.7	17.6	13.6	16.3	67	73	62	67	5.4	
23	22.4	24.8	22.2	16.6	17.0	19.4	17.7	62	49	93	68	10.0	
24	21.8	22.8	20.3	17.3	18.2	16.9	17.5	74	72	89	78	11.8	
25	21.9	22.4	19.3	17.9	17.8	15.3	17.0	80	73	81	78	12.2	0.13
26	22.0	22.8	19.8	17.5	18.1	16.8	17.5	75	72	85	77	8.8	
27	21.8	22.8	20.6	17.4	18.0	17.7	17.7	77	71	95	81	12.2	
28	21.3	22.4	20.0	17.0	17.8	16.3	17.3	78	73	85	79	10.0	
29	20.1	21.9	20.1	16.5	17.0	16.5	16.7	86	72	87	82	8.8	2.13
30	20.2	21.5	19.3	16.2	16.0	15.2	15.8	82	66	82	76	11.6	1.78
31	20.1	22.1	20.2	14.7	17.7	16.6	16.0	65	76	86	76	5.8	
	21.06	22.32	20.00	16.32	17.32	16.15	16.60	73.1	69.4	83.5	75.3	11.11	0.13

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m

Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.

Time of readings minus 2 hours equals G. C. T.

50-year averages are for period, 1875-1924

MAY 1929

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Km.		
1	0	0	0	0.0	0	0	0	44.5	calm	
2	1cu	1cu	1cu	1.0	0	0	0	79.3	"	dew in p.m.
3	3ci	0	0	1.0	0	0	0	92.7	"	
4	2ci	3ci	0	1.7	0	0	0	34.1	"	haze in a.m.
5	4ci	0	0	1.3	0	0	0	31.4	"	
6	3ci	6ci	0	3.0	0	0	0	53.0	"	sirocco
7	0	0	0	0.0	1sw	1sw	2sw	450.5	mod.	
8	1cu	8ci	0	3.0	2sw	2sw	0	407.3	mod.	
9	1cu	0	0	0.3	2sw	1sw	0	287.0	light	
10	0	0	0	0.0	1sw	0	0	92.3	calm	
11	0	0	0	0.0	1sw	1nw	0	67.1	"	
12	4ci	6ci	0	3.3	2s	1sw	0	126.5	light	misty day
13	6str.cu	2str	0	2.7	3sw	2sw	0	301.0	"	
14	3ci	2ci	2cu	2.3	1ne	0	3s	333.6	"	haze in a.m.
15	2ci cu	2cu	1cu	1.7	3s	3sw	1sw	315.6	mod.	lunar halo
16	4str. cu	8ci cu	4str.cu	5.3	1sw	3sw	1s	62.0	light	
17	6ni cu	3cu	6str.cu	5.0	1s	1nw	0	92.0	"	
18	0	0	0	0.0	1n	2ne	2n	59.0	calm	haze in a.m.
19	4ci	3ci	0	2.3	4s	4s	0	243.6	mod.	
20	1str	1cu	0	0.7	1sw	1sw	0	277.0	light	haze in a.m.
21	2altcu	1ci	1cu	1.3	1sw	2sw	0	273.0	"	haze in a.m.
22	6ci cu	10ni	0	5.3	0	0	0	189.9	calm	tr. rain
23	0	8ci cu	1cu	3.0	0	1w	1sw	206.5	light	haze d. day
24	0	1stcu	1ci	0.7	2sw	3sw	2sw	658.2	mod.	
25	1cu	3ci	0	1.3	2sw	2sw	0	412.9	"	
26	4ci cu	8nicu	0	4.0	3w	3w	0	515.0	"	
27	1cu	2ci cu	4ci cu	2.3	2w	2w	1sw	528.6	"	
28	10ni	4ci cu	4ci cu	6.0	1w	1sw	1n	179.7	light	
29	10ni	6ci cu	0	5.3	2s	1nw	0	86.3	"	
30	6ni. cu	3ci cu	1cu	3.3	3w	3w	0	317.2	mod.	
31	8ni	8nici	4str	6.7	2sw	3s	0	340.2	"	
				2.38				224.43		

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	1	1	0	0	5	12	4	0	8
14:30	0	1	0	0	2	12	4	3	9
20:30	2	0	0	0	2	5	0	0	22
Totals	3	2	0	0	9	29	8	3	39

Number of days with rain 3, fog 0, thunderstorms 0, gales 0.
 50-yr average number of days with rain during month 3.2